

1 **ABSTRACT OF THE DISCLOSURE**

2 A glow plug having an outer body with an inner cavity having
3 tapered sidewalls. An insulating ring having outer tapered walls
4 is held within the body and has an inner opening also having
5 tapered walls. A central electrode, having a tapered wall
6 section, fits tightly in the inner opening of the insulating
7 ring. The insulating ring and central electrode are forced under
8 pressure in the cavity of the glow plug to provide a glow plug
9 capable of withstanding high temperature and pressure
10 applications without leaking.